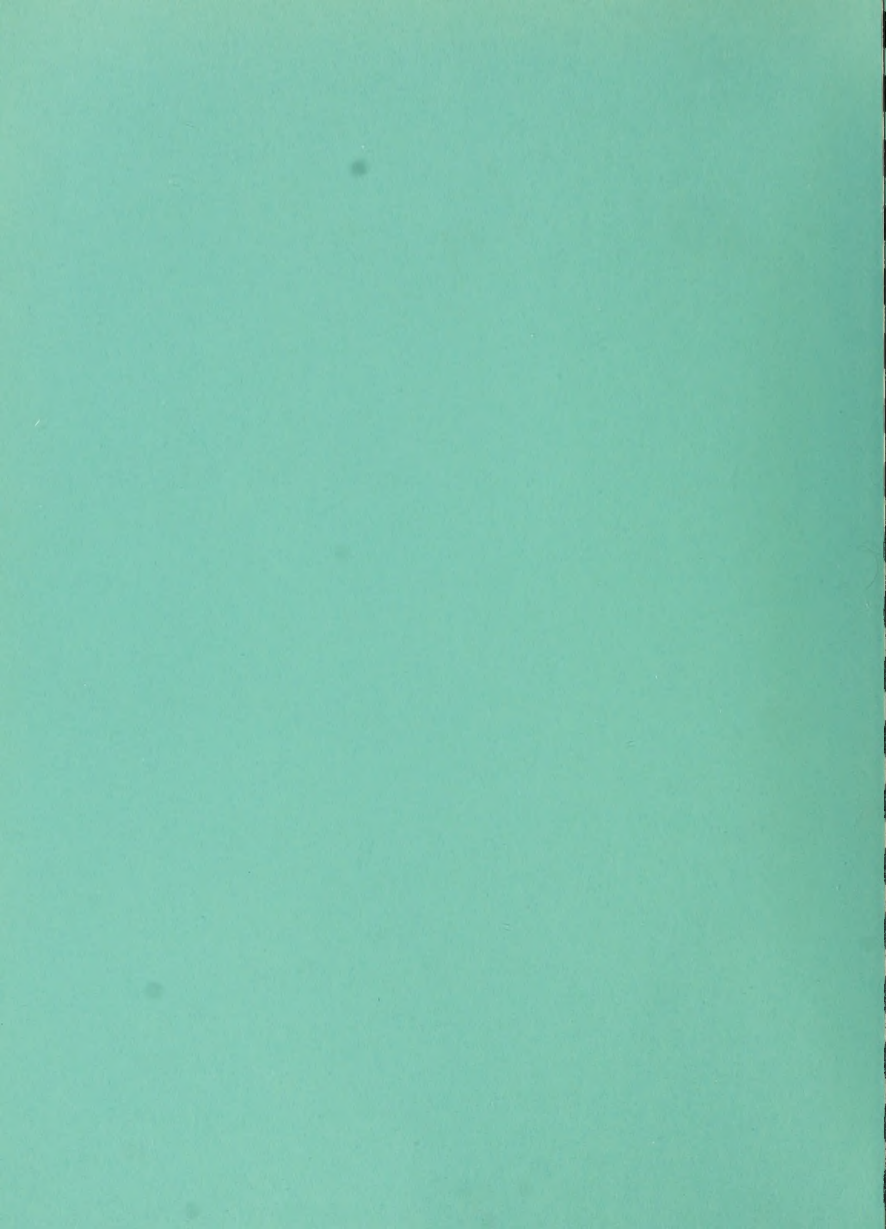


**ACIDIC PRECIPITATION IN ONTARIO
STUDY - ANNUAL STATISTICS OF
CONCENTRATION CUMULATIVE
AMBIENT AIR MONITORING
NETWORK, 1991
ARB-050-93**

MARCH 1994



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PART I

INTRODUCTION

INTRODUCTION

The statistical summaries presented in this report pertain to the 1991 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative ambient air monitoring network. The relevant data can be obtained on request from the Air Resources Branch of The Ministry of Environment and Energy. Any sample of which sampling period is less than 23 days or greater than 33 days is not included in the statistics calculations. All available data are utilized in the calculations except results reported as being unreliable (i.e., results are identified as unreasonable values by using the validation procedures; detailed description of the validation procedures is available from the Ministry upon request) or approximate (i.e., inexact results are reported due to laboratory difficulties, such as may be encountered in calibration, or when the sample cannot be re-analyzed to confirm the reported value). In a very few cases, concentration levels exceeded the upper limit of the range of the chemical analysis. Rather than using the upper limit, a decision was made to exclude these values from the statistics generated in this report. Reported results for metals which have missing leachate analysis are also excluded from statistical analysis. Results labelled as <W are replaced by "zero". W is the level which the analytical technique cannot distinguish from zero. Prior to 1986, if a level was recorded less than the detection limit T, a value corresponding to one half the detection limit was utilized for statistical calculations as

reported in the statistical summaries. These values are no longer halved. Note that T is normally about ten times W, and values above the T criteria are considered to be precise and accurate. W corresponds to approximately one standard deviation of low level duplicate of real samples. In the presented statistics summaries, "Total Sulphur" is calculated by the summation of sulphur of Sulphur Dioxide" and "Sulphate".

Beginning in 1985, "Sulphur Dioxide" is corrected by the addition of nylon filter sulfate. In these reports sulphur loading on nylon filters is interpreted as sulphur dioxide. However, it is possible that organic sulphur compounds also contribute to this loading. Methods do not currently exist to quantify this contribution in routine network operation.

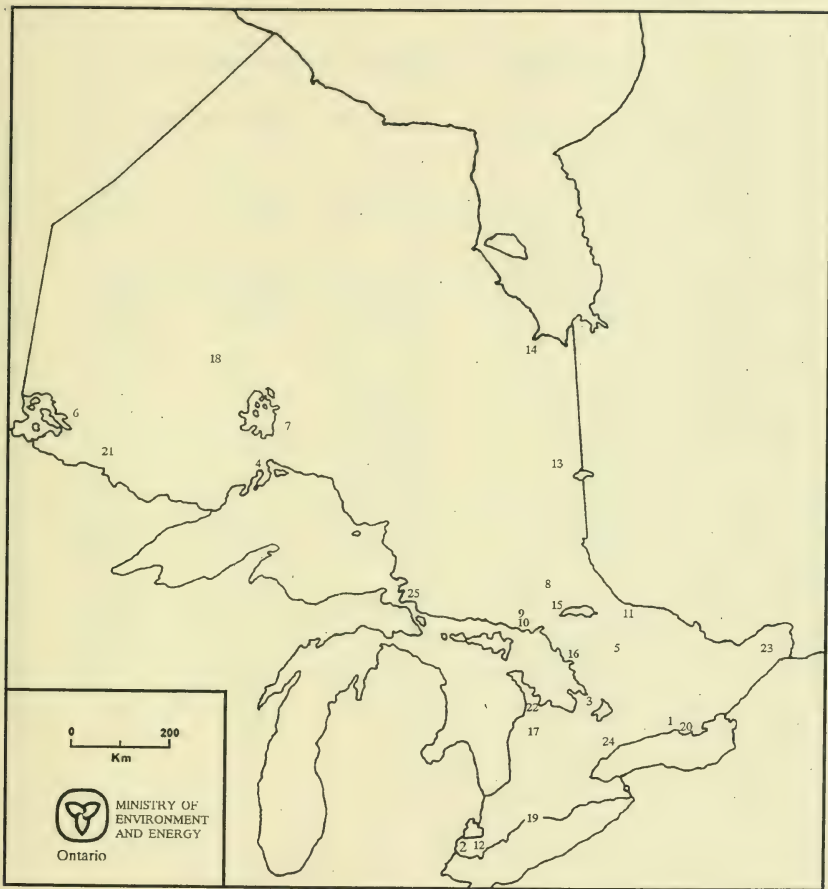
The statistical summaries presented in Parts III to IV include number of samples, mean (arithmetic/geometric), standard deviation, maximum, minimum, quartiles. These statistics are for an average sampling period.

Whatman 40 Blank Filters

The occurrence of non-zero blank values for the Whatman 40 filters used in the cumulative network should be borne in mind when interpreting data from this method.

PART II

STATION LOCATION



1. CAMPBELLFORD
2. COLCHESTER
3. COLDWATER
4. DORION
5. DORSET
6. E.L.A.
7. GERALDTON
8. GOWGANDA
9. HANMER-2

10. KILLARNEY
11. MATTAWA
12. MERLIN
13. MOONBEAM
14. MOOSONEE
15. MCFARLANE LAKE
16. MCKELLAR
17. PALMERSTON
18. PICKLE LAKE

19. PORT STANLEY
20. PT. PETRE
21. QUETICO CENTRE
22. SHALLOW LAKE
23. SMITHS FALLS
24. TORONTO ISLAND
25. TURKEY LAKES

APIOS CUMULATIVE AMBIENT AIR NETWORK SITES

<u>MOE REGION</u>	<u>STATION NAME</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>NORTHING</u>	<u>EASTING</u>
Southwestern	Colchester	41°59'15"	82°55'41"	4650000	340300
	Merlin	42°14'47"	82°13'30"	4676400	398950
	Palmerston	43°48'19"	80°54'12"	4850050	507750
	Port Stanley	42°40'22"	81°09'55"	4724050	486700
	Shallow Lake	44°34'54"	81°05'24"	4936200	492850
Central	Campbellford	44°27'28"	77°47'33"	4907600	277150
	Coldwater	44°37'31"	79°32'08"	4942200	615900
	Dorset	45°13'26"	78°55'52"	5009650	662400
	Toronto Island	43°39'15"	79°23'14"	4834511	630056
Southeastern	Pt. Petre	43°50'20"	77°09'10"	4856015	326929
	Smiths Falls	44°56'41"	75°57'48"	4977100	423950
Northeastern	Gowganda	47°39'04"	80°46'32"	5277300	516600
	Hammer-2	46°39'45"	80°56'37"	5167443	504314
	Killarney	45°59'26"	81°29'18"	5092900	462200
	Mattawa	46°16'45"	78°49'19"	5127150	667800
	McFarlane Lake	46°25'57"	81°57'03"	5142323	426948
	McKellar	45°30'57"	79°55'19"	5040600	583950
	Moonbeam	49°19'16"	82°08'46"	5463600	416650
	Turkey Lakes	47°03'15"	84°24'00"	5214250	696750
Northwestern	Dorion	48°50'33"	88°36'45"	5228750	569500
	E.L.A.	49°39'22"	93°43'28"	5500950	447350
	Geraldton	49°48'05"	86°46'00"	5516300	516750
	Pickle Lake	51°02'41"	90°12'04"	5658307	696198
	Quetico Centre	48°24'44"	91°12'08"	5363461	633035
Out of Prov.	Wolf Ridge	47°23'00"	91°12'25"	5249100	635375

PART III

SUMMARY STATISTICS OF OBSERVED CONCENTRATION BY STATION

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: COLCHESTER LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	14.157	3.417	0.4338	1.058	0.469	0.828	0.0526	0.3390
MINIMUM	6.636	2.198	0.1501	0.657	0.224	0.456	0.0369	0.1776
ARITH. MEAN	11.322	2.887	0.2809	0.824	0.336	0.703	0.0462	0.2787
ARITH. STD. DEV.	3.337	0.510	0.1168	0.171	0.101	0.175	0.0067	0.0719
GEOM. MEAN	10.736	2.839	0.2564	0.807	0.321	0.678	0.0456	0.2679
GEOM. STD. DEV.	6.636	2.198	0.1501	0.657	0.224	0.456	0.0369	0.1776
1ST QUARTILE	13.172	3.046	0.2590	0.757	0.315	0.826	0.0490	0.3194
2ND QUARTILE	14.157	3.417	0.4338	1.058	0.469	0.828	0.0526	0.3390
3RD QUARTILE	0	0	0	0	0	0	0	0
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	0.0539	0.0302	0.1019	0.0112	0.0041	0.0022	0.0007	0.0007
MINIMUM	0.0310	0.0224	0.0551	0.0080	0.0038	0.0000	0.0004	0.0005
ARITH. MEAN	0.0421	0.0360	0.0803	0.0096	0.0039	0.0010	0.0005	0.0006
ARITH. STD. DEV.	0.0094	0.0032	0.0193	0.0013	0.0001	0.0009	0.0001	0.0001
GEOM. MEAN	0.0411	0.0258	0.0778	0.0095	0.0039	0.0124	0.0005	0.0006
1ST QUARTILE	0.0310	0.0224	0.0551	0.0080	0.0038	0.0000	0.0004	0.0005
2ND QUARTILE	0.0415	0.0255	0.0841	0.0096	0.0039	0.0009	0.0004	0.0007
3RD QUARTILE	0.0539	0.0302	0.1019	0.0112	0.0041	0.0022	0.0007	0.0007
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
MAXIMUM	0.0223	0.00039	0.0012	1.1082	8.22	3
MINIMUM	0.0147	0.00017	0.0005	0.8189	4.05	1.49
ARITH. MEAN	0.0192	0.00028	0.0008	0.9345	6.62	0.81
ARITH. STD. DEV.	0.0033	0.00009	0.0003	0.1251	1.84	1.10
GEOM. MEAN	0.0189	0.00026	0.0007	0.9265	6.32	0.29
1ST QUARTILE	0.0147	0.00017	0.0005	0.8189	4.05	1.07
2ND QUARTILE	0.0207	0.00027	0.0007	0.8764	7.60	0.81
3RD QUARTILE	0.0223	0.00039	0.0012	1.1082	8.22	1.02
MISSING VALUES	0	0	0	0	0	1.49

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: MERLIN LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
13	13	13	13	13	13	13	13	13
MAXIMUM	19.338	7.905	0.4386	1.273	1.050	0.915	0.1020	0.4170
MINIMUM	2.685	0.395	0.1082	0.630	0.101	0.328	0.0380	0.1069
ARITH. MEAN	9.470	3.903	0.2443	0.937	0.629	0.506	0.0380	0.1817
ARITH. STD. DEV.	3.976	2.018	0.0915	0.172	0.279	0.174	0.0160	0.0384
GEOM. MEAN	8.641	3.086	0.2277	0.922	0.546	0.481	0.0579	0.1626
1ST QUANTILE	7.368	3.052	0.1690	0.856	0.431	0.382	0.0471	0.1183
2ND QUANTILE	8.331	3.793	0.2185	0.906	0.599	0.463	0.0617	0.1367
3RD QUANTILE	10.190	4.631	0.2912	1.028	0.827	0.547	0.0671	0.1986
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
13	13	13	13	13	13	13	13	13
MAXIMUM	0.2261	0.1945	0.1938	0.0156	0.0090	0.0029	0.0006	0.0022
MINIMUM	0.0152	0.0176	0.0434	0.0068	0.0037	0.0004	0.0000	0.0008
ARITH. MEAN	0.0899	0.0586	0.1125	0.0096	0.0059	0.0019	0.0001	0.0012
ARITH. STD. DEV.	0.0659	0.0525	0.0465	0.0023	0.0018	0.0006	0.0002	0.0004
GEOM. MEAN	0.0680	0.0439	0.1026	0.0094	0.0056	0.0017	0.0002	0.0012
1ST QUANTILE	0.0403	0.0285	0.0754	0.0079	0.0042	0.0017	0.0000	0.0009
2ND QUANTILE	0.0720	0.0374	0.1028	0.0093	0.0055	0.0019	0.0000	0.0012
3RD QUANTILE	0.1119	0.0525	0.1500	0.0112	0.0073	0.0021	0.0000	0.0013
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
13	13	13	13	13	13	13
MAXIMUM	0.0250	0.00090	0.0009	4.4912	10.93	1.71
MINIMUM	0.0147	0.00017	0.0004	0.6227	3.31	0.85
ARITH. MEAN	0.0186	0.00048	0.0006	1.4227	6.04	1.18
ARITH. STD. DEV.	0.0032	0.00020	0.0001	0.9392	1.97	0.24
GEOM. MEAN	0.0184	0.00045	0.0006	1.2444	5.74	1.16
1ST QUANTILE	0.0163	0.00038	0.0005	0.8758	5.35	1.04
2ND QUANTILE	0.0182	0.00039	0.0006	1.2713	5.89	1.11
3RD QUANTILE	0.0200	0.00052	0.0007	1.5438	6.22	1.31
MISSING VALUES	0	0	0	0	0	0

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APTOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: PORT STANLEY LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	19.841	8.438	0.5713	1.608	0.831	1.008	0.1028	0.3991
MINIMUM	4.436	0.275	0.0653	0.526	0.252	0.265	0.0403	0.0875
ARITH. MEAN	10.099	4.568	0.2569	0.908	0.500	0.480	0.0601	0.1743
ARITH. STD. DEV.	4.534	1.975	0.1173	0.277	0.147	0.244	0.0174	0.1000
GEOM. MEAN	9.180	3.771	0.2307	0.869	0.478	0.429	0.0579	0.1513
1ST QUARTILE	6.962	3.831	0.1753	0.717	0.397	0.271	0.0503	0.0940
2ND QUARTILE	7.393	4.579	0.2456	0.938	0.509	0.385	0.0578	0.1266
3RD QUARTILE	14.417	5.223	0.2924	1.028	0.543	0.593	0.0669	0.2373
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.1978	0.1365	0.2175	0.0127	0.0120	0.0199	0.0008	0.0018
MINIMUM	0.0000	0.0177	0.0748	0.0072	0.0042	0.0010	0.0000	0.0006
ARITH. MEAN	0.0825	0.0592	0.1048	0.0101	0.0074	0.0033	0.0001	0.0011
ARITH. STD. DEV.	0.0498	0.0363	0.0364	0.0018	0.0023	0.0048	0.0003	0.0004
GEOM. MEAN	0.0883	0.0501	0.1002	0.0099	0.0070	0.0022	0.0011	0.0011
1ST QUARTILE	0.0627	0.0354	0.0852	0.0088	0.0059	0.0017	0.0000	0.0008
2ND QUARTILE	0.0770	0.0434	0.0953	0.0096	0.0068	0.0019	0.0000	0.0012
3RD QUARTILE	0.1093	0.0744	0.1067	0.0120	0.0086	0.0027	0.0000	0.0012
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0287	0.00122	0.0010	4.5366	11.25	2.18		
MINIMUM	0.0121	0.00014	0.0003	0.7569	3.62	0.78		
ARITH. MEAN	0.0204	0.00039	0.0007	1.3367	6.57	1.17		
ARITH. STD. DEV.	0.0048	0.00027	0.0002	0.9669	2.19	0.35		
GEOM. MEAN	0.0198	0.00034	0.0006	1.1596	6.24	1.12		
1ST QUARTILE	0.0177	0.00026	0.0006	0.8785	4.94	0.95		
2ND QUARTILE	0.0199	0.00033	0.0007	1.0453	5.52	1.14		
3RD QUARTILE	0.0237	0.00040	0.0008	1.3138	8.87	1.33		
MISSING VALUES	0	0	0	0	0	0		

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: SHALLOW LAKE LOWOL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
12	12	12	12	12	12	12	12	12
MAXIMUM	8.930	5.958	0.3810	0.638	0.589	0.328	9.4728	1.6504
MINIMUM	0.000	0.139	0.0000	0.000	0.000	0.018	0.0187	0.1264
ARITH. MEAN	3.719	2.901	0.1685	0.287	0.174	0.238	0.8302	0.3822
ARITH. STD. DEV.	2.763	1.666	0.0944	0.200	0.174	0.082	2.6059	0.4251
GEOM. MEAN	2.935	1.997	0.1914	0.382	0.275	0.203	0.6631	0.2639
1ST QUARTILE	1.690	1.512	0.0963	0.119	0.054	0.192	0.0260	0.1337
2ND QUARTILE	3.156	2.934	0.1759	0.395	0.315	0.246	0.0442	0.2249
3RD QUARTILE	4.109	4.261	0.1953	0.489	0.385	0.300	0.0623	0.2917
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
12	12	12	12	12	12	12	12	12
MAXIMUM	0.0900	0.0615	0.1718	0.0077	0.0075	0.0029	0.0000	0.0007
MINIMUM	0.0000	0.0023	0.0096	0.0002	0.0003	0.0007	0.0000	0.0000
ARITH. MEAN	0.0312	0.0213	0.0779	0.0042	0.0030	0.0017	0.0000	0.0004
ARITH. STD. DEV.	0.0330	0.0195	0.0461	0.0020	0.0020	0.0007	0.0000	0.0002
GEOM. MEAN	0.1063	0.0133	0.0585	0.0032	0.0023	0.0016	0.0000	0.0017
1ST QUARTILE	0.0000	0.0051	0.0248	0.0030	0.0012	0.0012	0.0000	0.0003
2ND QUARTILE	0.0152	0.0125	0.0850	0.0046	0.0026	0.0016	0.0000	0.0004
3RD QUARTILE	0.0650	0.0281	0.1036	0.0054	0.0045	0.0024	0.0000	0.0006
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
12	12	12	12	12	12	12
MAXIMUM	0.0118	0.00032	0.0006	2.2843	5.42	0.87
MINIMUM	0.0006	0.00000	0.0000	0.1424	0.41	0.01
ARITH. MEAN	0.0068	0.00013	0.0003	1.1819	2.86	0.54
ARITH. STD. DEV.	0.0030	0.00010	0.0002	0.5032	1.47	0.27
GEOM. MEAN	0.0057	0.00144	0.0005	1.0173	2.29	0.37
1ST QUARTILE	0.0051	0.00000	0.0000	0.9223	1.82	0.27
2ND QUARTILE	0.0067	0.00012	0.0003	1.1696	2.90	0.62
3RD QUARTILE	0.0089	0.00015	0.0005	1.4252	3.47	0.71
MISSING VALUES	0	0	0	0	0	0

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APLOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: PALMERSTON LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	6.501	1.991	0.1908	0.705	0.242	0.322	0.0283	0.1680
MINIMUM	4.148	1.775	0.1305	0.407	0.180	0.227	0.0196	0.1056
ARITH. MEAN	5.494	1.866	0.1647	0.511	0.202	0.276	0.0240	0.1341
ARITH. STD. DEV.	0.990	0.091	0.0253	0.137	0.029	0.039	0.0036	0.0257
GEOM. MEAN	5.398	1.864	0.1627	0.495	0.200	0.273	0.0238	0.1317
1ST QUARTILE	4.148	1.775	0.1305	0.407	0.180	0.227	0.0196	0.1056
2ND QUARTILE	5.833	1.833	0.1730	0.422	0.184	0.279	0.0243	0.1289
3RD QUARTILE	6.501	1.991	0.1908	0.705	0.242	0.322	0.0283	0.1680
MISSING VALUES	:	:	:	:	:	:	:	:
# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	0.0264	0.0243	0.0782	0.0051	0.0024	0.0156	0.0002	0.0007
MINIMUM	0.0110	0.0110	0.0444	0.0036	0.0020	0.0000	0.0000	0.0004
ARITH. MEAN	0.0210	0.0174	0.0563	0.0043	0.0022	0.0056	0.0002	0.0005
ARITH. STD. DEV.	0.0071	0.0055	0.0155	0.0006	0.0002	0.0071	0.0001	0.0001
GEOM. MEAN	0.0195	0.0165	0.0543	0.0043	0.0022	0.0264	0.0037	0.0005
1ST QUARTILE	0.0110	0.0110	0.0444	0.0036	0.0020	0.0000	0.0000	0.0004
2ND QUARTILE	0.0257	0.0169	0.0463	0.0043	0.0022	0.0012	0.0002	0.0005
3RD QUARTILE	0.0264	0.0243	0.0782	0.0051	0.0024	0.0156	0.0002	0.0007
MISSING VALUES	:	:	:	:	:	:	:	:
# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
MAXIMUM	0.0149	0.00016	0.0006	0.8260	3.84	0.88		
MINIMUM	0.0044	0.00000	0.0000	0.5700	2.69	0.54		
ARITH. MEAN	0.0094	0.00010	0.0003	0.7011	3.37	0.68		
ARITH. STD. DEV.	0.0043	0.00007	0.0002	0.1046	0.50	0.15		
GEOM. MEAN	0.0083	0.00288	0.0054	0.6931	3.33	0.66		
1ST QUARTILE	0.0044	0.00000	0.0000	0.5700	2.69	0.54		
2ND QUARTILE	0.0088	0.00015	0.0003	0.7072	3.58	0.61		
3RD QUARTILE	0.0149	0.00016	0.0006	0.8260	3.84	0.88		
MISSING VALUES	:	:	:	:	:	:		

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STATION: GRAND BEND LOVOL SITE NO.1

# OF SAMPLES	12	12	12	12	12	12	12	12	12	12	12	12	12
SULFUR DIOX UG/M3	9.598	13.891	0.3070	0.981	0.928	0.494	21.6311	0.2444	0.0773	0.1219	0.1219	0.1219	0.1219
MAXIMUM	0.551	0.283	0.0877	0.339	0.179	0.219	0.0224	0.0773	0.1219	0.1219	0.1219	0.1219	0.1219
MINIMUM	4.825	3.896	0.1620	0.672	0.548	0.313	1.8444	0.0443	0.1159	0.0982	0.1082	0.1158	0.1158
ARITH. MEAN	2.553	3.330	0.0584	0.200	0.242	0.090	5.9660	0.0443	0.1159	0.0982	0.1082	0.1158	0.1158
ARITH. STD. DEV.	3.919	2.796	0.1531	0.639	0.488	0.301	0.0696	0.0982	0.1082	0.1158	0.1158	0.1158	0.1158
GEOM. MEAN	3.003	2.352	0.1186	0.498	0.367	0.229	0.0321	0.0982	0.1082	0.1158	0.1158	0.1158	0.1158
1ST QUANTILE	4.496	2.973	0.1468	0.700	0.497	0.229	0.0321	0.0982	0.1082	0.1158	0.1158	0.1158	0.1158
2ND QUANTILE	5.104	4.610	0.1706	0.790	0.779	0.330	0.0620	0.1158	0.1082	0.1158	0.1158	0.1158	0.1158
3RD QUANTILE	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING VALUES	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON UG/M3	12	12	12	12	12	12	12	12	12	12	12	12	12
MAXIMUM	0.1107	0.0888	0.1648	0.0212	0.0062	0.0063	0.0005	0.0019	0.0003	0.0000	0.0000	0.0000	0.0000
MINIMUM	0.0000	0.0096	0.0339	0.0033	0.0015	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
ARITH. MEAN	0.0475	0.0349	0.1010	0.0079	0.0040	0.0023	0.0001	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
ARITH. STD. DEV.	0.0321	0.0217	0.0357	0.0043	0.0011	0.0015	0.0001	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
GEOM. MEAN	0.0536	0.0293	0.0937	0.0072	0.0038	0.0037	0.0001	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
1ST QUANTILE	0.0169	0.0193	0.0666	0.0056	0.0031	0.0014	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
2ND QUANTILE	0.0448	0.0269	0.0984	0.0067	0.0042	0.0020	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
3RD QUANTILE	0.0612	0.0361	0.1145	0.0087	0.0045	0.0028	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
MISSING VALUES	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC UG/M3	12	12	12	12	12	12	12	12	12	12	12	12	12
MAXIMUM	0.0230	0.00072	0.0007	1.2857	5.58	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
MINIMUM	0.0050	0.00000	0.0003	0.4288	1.57	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
ARITH. MEAN	0.0118	0.00026	0.0005	0.8840	3.71	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
ARITH. STD. DEV.	0.0043	0.00019	0.0001	0.2441	1.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
GEOM. MEAN	0.0111	0.00048	0.0005	0.8473	3.47	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
1ST QUANTILE	0.0096	0.00013	0.0004	0.6797	2.28	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
2ND QUANTILE	0.0114	0.00022	0.0004	0.8774	3.83	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
3RD QUANTILE	0.0121	0.00024	0.0006	1.0372	4.76	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
MISSING VALUES	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATION: DORSET LOWOL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	7.225	3.931	0.2783	0.462	0.912	0.234	0.0902	0.2663
MINIMUM	0.786	1.052	0.0705	0.075	0.046	0.081	0.0104	0.0866
ARITH. MEAN	3.049	2.224	0.1155	0.192	0.194	0.139	0.0350	0.1291
ARITH. STD. DEV.	1.780	0.897	0.0504	0.094	0.174	0.042	0.0199	0.0473
GEOM. MEAN	2.592	2.054	0.1083	0.174	0.138	0.133	0.0305	0.1226
1ST QUANTILE	1.718	1.612	0.0890	0.149	0.085	0.119	0.0244	0.1037
2ND QUANTILE	2.318	2.025	0.1077	0.172	0.137	0.135	0.0281	0.1126
3RD QUANTILE	3.774	2.527	0.1176	0.211	0.190	0.155	0.0361	0.1493
MISSING VALUES	0	0	0	0	0	0	0	0

	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	2.4124	0.7773	0.3267	0.0867	0.0259	0.0180	0.0032	0.0039
MINIMUM	0.0000	0.0014	0.0138	0.0022	0.0010	0.0004	0.0000	0.0001
ARITH. MEAN	0.2329	0.0919	0.0596	0.0099	0.0041	0.0029	0.0005	0.0006
ARITH. STD. DEV.	0.6315	0.2007	0.0808	0.0222	0.0064	0.0044	0.0009	0.0010
GEOM. MEAN	0.1209	0.0250	0.0364	0.0043	0.0024	0.0018	0.0009	0.0003
1ST QUANTILE	0.0105	0.0098	0.0179	0.0029	0.0012	0.0014	0.0000	0.0002
2ND QUANTILE	0.0183	0.0237	0.0285	0.0032	0.0022	0.0017	0.0000	0.0003
3RD QUANTILE	0.1023	0.0585	0.0566	0.0043	0.0038	0.0020	0.0006	0.0005
MISSING VALUES	0	0	0	0	0	0	0	0

	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
# OF SAMPLES	13	13	13	13	13	13
MAXIMUM	0.0541	0.00146	0.0017	1.2771	4.34	0.74
MINIMUM	0.0022	0.00000	0.0000	0.5802	0.99	0.16
ARITH. MEAN	0.0089	0.00019	0.0004	0.9064	2.27	0.31
ARITH. STD. DEV.	0.0132	0.00037	0.0004	0.2030	0.85	0.14
GEOM. MEAN	0.0057	0.00233	0.0007	0.8843	2.12	0.29
1ST QUANTILE	0.0036	0.00000	0.0002	0.7858	1.63	0.23
2ND QUANTILE	0.0049	0.00010	0.0003	0.8846	2.16	0.27
3RD QUANTILE	0.0073	0.00012	0.0005	0.9935	2.44	0.32
MISSING VALUES	0	0	0	0	0	0

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STATION: CAMPBELLFORD LOVEL SITE NO. 1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	14.714	4.785	0.3798	1.151	1.134	1.233	0.0903	0.6765
MINIMUM	7.038	3.503	0.1693	0.794	0.752	0.639	0.0581	0.4016
ARITH. MEAN	11.318	3.984	0.2739	1.029	0.951	1.002	0.0760	0.5837
ARITH. STD. DEV.	3.196	0.570	0.0859	0.167	0.134	0.260	0.0134	0.1288
GEOM. MEAN	10.811	3.945	0.2598	1.015	0.938	0.963	0.0747	0.5676
1ST QUARTILE	7.038	3.503	0.1693	0.794	0.752	0.639	0.0581	0.4016
2ND QUARTILE	12.202	3.663	0.2726	1.144	0.968	1.134	0.0796	0.6731
3RD QUARTILE	14.714	4.785	0.3798	1.151	1.134	1.233	0.0903	0.6765
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	0.0677	0.0398	0.0796	0.0232	0.0077	0.0042	0.0034	0.0022
MINIMUM	0.0348	0.0290	0.0639	0.0110	0.0052	0.0006	0.0008	0.0008
ARITH. MEAN	0.0567	0.0350	0.0709	0.0166	0.0068	0.0024	0.0018	0.0014
ARITH. STD. DEV.	0.0155	0.0045	0.0065	0.0050	0.0011	0.0015	0.0011	0.0006
GEOM. MEAN	0.0542	0.0347	0.0706	0.0159	0.0067	0.0018	0.0015	0.0013
1ST QUARTILE	0.0348	0.0290	0.0639	0.0110	0.0052	0.0006	0.0008	0.0008
2ND QUARTILE	0.0677	0.0361	0.0692	0.0157	0.0076	0.0024	0.0012	0.0014
3RD QUARTILE	0.0677	0.0398	0.0796	0.0232	0.0077	0.0042	0.0034	0.0022
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
MAXIMUM	0.0219	0.00060	0.0020	1.9280	8.95	1.53
MINIMUM	0.0149	0.00030	0.0012	1.1070	4.69	0.96
ARITH. MEAN	0.0173	0.00043	0.0015	1.5386	6.99	1.30
ARITH. STD. DEV.	0.0033	0.00013	0.0004	0.3365	1.76	0.25
GEOM. MEAN	0.0170	0.00041	0.0014	1.4999	6.75	1.28
1ST QUARTILE	0.0149	0.00030	0.0012	1.1070	4.69	0.96
2ND QUARTILE	0.0150	0.00039	0.0012	1.5809	7.32	1.42
3RD QUARTILE	0.0219	0.00060	0.0020	1.9280	8.95	1.53
MISSING VALUES	0	0	0	0	0	0

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STATION: COLDWATER LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	8.569	5.561	0.2868	0.517	0.651	0.377	17.0053	0.2857
MINIMUM	0.921	1.455	0.0769	0.017	0.014	0.000	0.0209	0.0344
ARITH. MEAN	4.265	2.597	0.1501	0.326	0.332	0.212	1.3823	0.1412
ARITH. STD. DEV.	2.204	1.061	0.0646	0.131	0.088	0.088	4.5117	0.0762
GEOM. MEAN	3.649	2.432	0.1375	0.265	0.255	0.248	0.0717	0.1226
1ST QUARTILE	2.539	2.087	0.1016	0.284	0.261	0.175	0.0302	0.0836
2ND QUARTILE	3.696	2.239	0.1383	0.365	0.306	0.217	0.0352	0.1246
3RD QUARTILE	6.185	2.701	0.1867	0.407	0.385	0.267	0.0531	0.1562
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.0822	0.0448	0.0788	0.0080	0.0053	0.0099	0.0029	0.0006
MINIMUM	0.0000	0.0022	0.0000	0.0010	0.0020	0.0006	0.0000	0.0000
ARITH. MEAN	0.0319	0.0187	0.0456	0.0047	0.0035	0.0021	0.0003	0.0004
ARITH. STD. DEV.	0.0271	0.0113	0.0191	0.0018	0.0009	0.0024	0.0008	0.0002
GEOM. MEAN	0.0488	0.0149	0.0599	0.0042	0.0034	0.0015	0.1045	0.0007
1ST QUARTILE	0.0106	0.0129	0.0344	0.0035	0.0035	0.0010	0.0000	0.0002
2ND QUARTILE	0.0291	0.0171	0.0470	0.0049	0.0036	0.0011	0.0000	0.0004
3RD QUARTILE	0.0460	0.0203	0.0546	0.0055	0.0042	0.0017	0.0003	0.0005
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0106	0.00032	0.0012	1.4936	5.03	0.80		
MINIMUM	0.0008	0.00000	0.0000	0.6136	1.21	0.23		
ARITH. MEAN	0.0063	0.00018	0.0004	0.9057	3.00	0.48		
ARITH. STD. DEV.	0.0023	0.00010	0.0003	0.2757	1.00	0.15		
GEOM. MEAN	0.0055	0.00073	0.0007	0.8700	2.82	0.45		
1ST QUARTILE	0.0046	0.00011	0.0002	0.7347	2.40	0.36		
2ND QUARTILE	0.0069	0.00022	0.0003	0.8458	2.80	0.50		
3RD QUARTILE	0.0077	0.00022	0.0005	0.9783	3.58	0.53		
MISSING VALUES	0	0	0	0	0	0		

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STATION: TORONTO ISLAND LOVEL SITE NO. 1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
:	13	13	13	13	13	13	13	13
MAXIMUM	22.489	6.882	0.3584	1.705	1.045	1.807	0.2927	0.9124
MINIMUM	2.810	2.581	0.0867	0.535	0.455	0.296	0.0283	0.0946
ARTH. MEAN	8.322	4.368	0.1737	0.931	0.760	0.663	0.0760	0.3562
ARTH. STD. DEV.	5.544	1.240	0.0750	0.316	0.194	0.424	0.0655	0.2423
GEOM. MEAN	6.841	4.196	0.1597	0.883	0.734	0.565	0.0618	0.2837
GEOM. STD. DEV.	4.178	3.601	0.1267	0.731	0.655	0.373	0.0392	0.1627
1ST QUARTILE	7.068	4.181	0.1531	0.880	0.763	0.521	0.0614	0.2476
2ND QUARTILE	9.851	5.257	0.1934	1.020	0.972	0.651	0.0740	0.4866
3RD QUARTILE	:	0	0	0	0	0	0	0
MISSING VALUES	:	:	:	:	:	:	:	:

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
:	13	13	13	13	13	13	13	13
MAXIMUM	0.2376	0.1635	0.1890	0.0192	0.0154	0.0403	0.0014	0.0022
MINIMUM	0.0000	0.0173	0.0549	0.0052	0.0047	0.0027	0.0000	0.0004
ARTH. MEAN	0.1007	0.0615	0.1312	0.0119	0.0098	0.0088	0.0002	0.0012
ARTH. STD. DEV.	0.1137	0.0481	0.0363	0.0038	0.0027	0.0101	0.0004	0.0004
GEOM. MEAN	0.0562	0.0475	0.1252	0.0113	0.0094	0.0062	0.3511	0.0011
1ST QUARTILE	0.0851	0.0316	0.1042	0.0091	0.0084	0.0041	0.0000	0.0010
2ND QUARTILE	0.1081	0.0450	0.1315	0.0125	0.0100	0.0050	0.0000	0.0012
3RD QUARTILE	:	0.0502	0.1524	0.0129	0.0113	0.0065	0.0000	0.0014
MISSING VALUES	:	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
:	13	13	13	13	13	13
MAXIMUM	0.0561	0.00162	0.0016	2.4228	12.53	1.97
MINIMUM	0.0197	0.00025	0.0003	0.6829	2.87	0.63
ARTH. MEAN	0.0321	0.00050	0.0009	0.9660	5.62	1.10
ARTH. STD. DEV.	0.0085	0.00034	0.0004	0.4764	2.66	0.34
GEOM. MEAN	0.0312	0.00044	0.0008	0.8926	5.11	1.06
1ST QUARTILE	0.0268	0.00037	0.0006	0.7202	3.62	0.92
2ND QUARTILE	0.0301	0.00039	0.0008	0.7765	4.86	1.02
3RD QUARTILE	0.0351	0.00050	0.0012	0.9224	6.48	1.15
MISSING VALUES	:	0	0	0	0	0

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STATION: SMITHS FALLS LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	12	12	12	12	12	12	12	12
MAXIMUM	8.363	4.668	0.2505	0.791	0.813	1.446	0.1182	1.0466
MINIMUM	0.1182	1.342	0.0475	0.114	0.123	0.130	0.0260	0.0744
ARITH. MEAN	3.063	2.781	0.1266	0.327	0.412	0.347	0.0638	0.2278
ARITH. STD. DEV.	1.963	1.011	0.0542	0.181	0.198	0.374	0.0298	0.2774
GEOM. MEAN	2.586	2.598	0.1151	0.286	0.364	0.258	0.0573	0.1583
1ST QUARTILE	2.045	1.918	0.1052	0.176	0.271	0.185	0.0391	0.1046
2ND QUARTILE	2.569	2.493	0.1200	0.329	0.338	0.211	0.0568	0.1191
3RD QUARTILE	3.107	3.715	0.1507	0.378	0.584	0.257	0.0812	0.1876
MISSING VALUES	2	2	2	2	2	2	2	2
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	12	12	12	12	12	12	12	12
MAXIMUM	0.1182	0.0948	0.2844	0.0170	0.0103	0.0104	0.0018	0.0013
MINIMUM	0.0332	0.0085	0.0308	0.0000	0.0020	0.0005	0.0000	0.0003
ARITH. MEAN	0.0597	0.0304	0.1079	0.0051	0.0054	0.0020	0.0002	0.0007
ARITH. STD. DEV.	0.0290	0.0228	0.0766	0.0043	0.0023	0.0028	0.0005	0.0003
GEOM. MEAN	0.0537	0.0251	0.0868	0.0081	0.0049	0.0012	0.0024	0.0007
1ST QUARTILE	0.0357	0.0196	0.0529	0.0035	0.0037	0.0007	0.0000	0.0006
2ND QUARTILE	0.0436	0.0208	0.0760	0.0039	0.0052	0.0011	0.0000	0.0007
3RD QUARTILE	0.0886	0.0339	0.1434	0.0059	0.0068	0.0014	0.0000	0.0008
MISSING VALUES	2	2	2	2	2	2	2	2
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	12	12	12	12	12	12		
MAXIMUM	0.0144	0.00026	0.0008	1.3379	5.06	1.04		
MINIMUM	0.0030	0.00000	0.0002	0.6204	1.01	0.16		
ARITH. MEAN	0.0084	0.00014	0.0004	1.0030	2.46	0.45		
ARITH. STD. DEV.	0.0031	0.00007	0.0002	0.2445	1.05	0.23		
GEOM. MEAN	0.0077	0.00034	0.0004	0.9705	2.26	0.41		
1ST QUARTILE	0.0064	0.00012	0.0003	0.7616	1.80	0.32		
2ND QUARTILE	0.0080	0.00013	0.0004	1.0535	2.20	0.44		
3RD QUARTILE	0.0097	0.00013	0.0004	1.2107	2.93	0.51		
MISSING VALUES	2	2	2	2	2	2		

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STATION: PT. PETRE LOVEL SITE NO.1

SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
: # OF SAMPLES	12	12	12	12	12	12	12
: MAXIMUM	9.105	6.305	0.3127	0.758	0.488	0.439	0.2621
: MINIMUM	2.991	2.554	0.1965	0.241	0.000	0.0323	0.1057
: ARITH. MEAN	4.830	4.353	0.2574	0.569	0.335	0.307	0.1621
: ARITH. STD. DEV.	1.897	1.451	0.0433	0.129	0.127	0.056	0.0459
: GEOM. MEAN	4.511	4.113	0.2536	0.549	0.395	0.302	0.1562
: 1ST QUANTILE	3.213	2.811	0.2028	0.521	0.326	0.255	0.1260
: 2ND QUANTILE	4.217	3.576	0.2842	0.572	0.345	0.296	0.1523
: 3RD QUANTILE	6.388	6.039	0.2887	0.675	0.430	0.335	0.1997
: MISSING VALUES	1	1	1	1	1	1	1
IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
: # OF SAMPLES	12	12	12	12	12	12	12
: MAXIMUM	0.1067	0.0738	0.0773	0.0111	0.0050	0.0034	0.0020
: MINIMUM	0.0000	0.0022	0.0000	0.0005	0.0000	0.0000	0.0000
: ARITH. MEAN	0.0534	0.0333	0.0504	0.0063	0.0036	0.0023	0.0011
: ARITH. STD. DEV.	0.0352	0.0198	0.0195	0.0028	0.0014	0.0010	0.0006
: GEOM. MEAN	0.0393	0.0257	0.0707	0.0051	0.0065	0.0041	0.0021
: 1ST QUANTILE	0.0323	0.0230	0.0407	0.0057	0.0031	0.0016	0.0007
: 2ND QUANTILE	0.0403	0.0251	0.0528	0.0066	0.0038	0.0025	0.0000
: 3RD QUANTILE	0.0891	0.0488	0.0654	0.0079	0.0048	0.0031	0.0017
: MISSING VALUES	1	1	1	1	1	1	1
ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
: # OF SAMPLES	12	12	12	12	12		
: MAXIMUM	0.0178	0.00036	0.0010	2.5800	5.40	1.05	
: MINIMUM	0.0000	0.00000	0.0000	0.6890	2.80	0.47	
: ARITH. MEAN	0.0103	0.00019	0.0005	1.6353	3.87	0.83	
: ARITH. STD. DEV.	0.0043	0.00011	0.0003	0.5456	0.77	0.15	
: GEOM. MEAN	0.0166	0.00100	0.0023	1.5283	3.79	0.81	
: 1ST QUANTILE	0.0096	0.00014	0.0004	1.3577	3.35	0.74	
: 2ND QUANTILE	0.0103	0.00017	0.0006	1.5523	3.62	0.86	
: 3RD QUANTILE	0.0113	0.00028	0.0007	2.1424	4.12	0.88	
: MISSING VALUES	1	1	1	1	1	1	

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STATION: MCKELLAR LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	10.920	2.465	0.2859	0.450	0.116	0.826	0.0431	0.5109
MINIMUM	7.923	1.841	0.1750	0.225	0.049	0.364	0.0273	0.2339
ARITH. MEAN	9.421	2.175	0.2125	0.302	0.078	0.519	0.0368	0.3525
ARITH. STD. DEV.	1.499	0.257	0.0519	0.105	0.028	0.217	-0.0968	0.1165
GEOM. MEAN	9.301	2.159	0.2067	0.285	0.073	0.480	0.0361	0.3343
1ST QUARTILE	7.923	1.841	0.1750	0.225	0.049	0.364	0.0273	0.2339
2ND QUARTILE	9.421	2.220	0.1766	0.230	0.069	0.367	0.0398	0.3127
3RD QUARTILE	10.920	2.465	0.2859	0.450	0.116	0.826	0.0431	0.5109
MISSING VALUES	1	0	0	0	0	0	0	0
# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	0.0382	0.0160	0.0320	0.0112	0.0021	0.0046	0.0005	0.0005
MINIMUM	0.0000	0.0023	0.0207	0.0032	0.0012	0.0014	0.0000	0.0001
ARITH. MEAN	0.0127	0.0091	0.0267	0.0068	0.0015	0.0026	0.0002	0.0004
ARITH. STD. DEV.	0.0180	0.0056	0.0047	0.0033	0.0004	0.0014	0.0002	0.0002
GEOM. MEAN	0.3368	0.0069	0.0263	0.0059	0.0015	0.0022	0.0788	0.0003
1ST QUARTILE	0.0000	0.0023	0.0207	0.0032	0.0012	0.0014	0.0000	0.0001
2ND QUARTILE	0.0000	0.0090	0.0274	0.0059	0.0012	0.0018	0.0000	0.0005
3RD QUARTILE	0.0382	0.0160	0.0320	0.0112	0.0021	0.0046	0.0005	0.0005
MISSING VALUES	0	0	0	0	0	0	0	0
# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
MAXIMUM	0.0076	0.00025	0.0010	1.7288	6.28	0.74		
MINIMUM	0.0040	0.00000	0.0004	1.0029	4.57	0.40		
ARITH. MEAN	0.0057	0.00016	0.0006	1.4003	5.43	0.51		
ARITH. STD. DEV.	0.0015	0.00012	0.0003	0.3003	0.85	0.16		
GEOM. MEAN	0.0055	0.00391	0.0006	1.3657	5.36	0.49		
1ST QUARTILE	0.0040	0.00000	0.0004	1.0029	4.57	0.40		
2ND QUARTILE	0.0055	0.00024	0.0005	1.4691	5.43	0.41		
3RD QUARTILE	0.0076	0.00025	0.0010	1.7288	6.28	0.74		
MISSING VALUES	0	0	0	0	1	0		

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STATION: KILLARNEY LOVEL SITE NO.1

	SULFUR.DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	16.757	5.843	0.2071	0.354	0.840	0.255	0.0541	0.1514
MINIMUM	0.529	1.593	0.0297	0.076	0.000	0.111	0.0218	0.0692
ARITH. MEAN	5.481	2.445	0.1343	0.204	0.183	0.156	0.0354	0.1053
ARITH. STD. DEV.	4.234	1.124	0.0470	0.087	0.205	0.041	0.0101	0.0293
GEOM. MEAN	3.787	2.272	0.1223	0.184	0.163	0.151	0.0341	0.1013
1ST QUARTILE	2.376	1.816	0.1038	0.135	0.069	0.128	0.0283	0.0791
2ND QUARTILE	4.676	2.006	0.1353	0.211	0.125	0.139	0.0348	0.0911
3RD QUARTILE	6.458	2.378	0.1692	0.270	0.184	0.176	0.0410	0.1340
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.1516	0.0816	0.1749	0.0132	0.0049	0.0050	0.0006	0.0006
MINIMUM	0.0000	0.0028	0.0190	0.0011	0.0012	0.0010	0.0000	0.0001
ARITH. MEAN	0.0344	0.0243	0.0406	0.0055	0.0023	0.0025	0.0001	0.0003
ARITH. STD. DEV.	0.0393	0.0251	0.0399	0.0030	0.0010	0.0011	0.0002	0.0001
GEOM. MEAN	0.0740	0.0163	0.0321	0.0048	0.0021	0.0022	0.3036	0.0003
1ST QUARTILE	0.0151	0.0121	0.0212	0.0040	0.0016	0.0017	0.0000	0.0003
2ND QUARTILE	0.0231	0.0141	0.0281	0.0049	0.0020	0.0023	0.0000	0.0003
3RD QUARTILE	0.0423	0.0233	0.0392	0.0051	0.0025	0.0026	0.0000	0.0004
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0068	0.00051	0.0015	1.4689	9.17	0.56		
MINIMUM	0.0040	0.00000	0.0004	0.5777	0.80	0.11		
ARITH. MEAN	0.0056	0.00024	0.0007	0.9968	3.56	0.34		
ARITH. STD. DEV.	0.0009	0.00014	0.0003	0.2243	2.31	0.13		
GEOM. MEAN	0.0055	0.00043	0.0007	0.9701	2.84	0.31		
1ST QUARTILE	0.0046	0.00013	0.0005	0.8696	1.92	0.25		
2ND QUARTILE	0.0058	0.00022	0.0006	1.0644	2.96	0.36		
3RD QUARTILE	0.0066	0.00031	0.0007	1.1263	4.30	0.40		
MISSING VALUES	0	0	0	0	0	0		

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STATION: MATTAWA LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	12	12	12	12	12	12	12	12
MINIMUM	9.121	3.765	0.1643	0.398	0.962	0.347	0.0810	0.2876
ARITH. MEAN	0.802	1.568	0.0632	0.040	0.092	0.112	0.0281	0.0932
ARITH. STD. DEV.	3.782	2.399	0.1077	0.159	0.162	0.194	0.0493	0.1475
GEOM. MEAN	2.326	0.736	0.0320	0.097	0.057	0.080	0.0168	0.0595
GEOM. STD. DEV.	3.137	2.294	0.1030	0.130	0.152	0.179	0.0467	0.1376
1ST QUANTILE	2.285	1.761	0.0770	0.073	0.101	0.118	0.0346	0.1106
2ND QUANTILE	2.691	2.143	0.1000	0.146	0.153	0.153	0.0447	0.1242
3RD QUANTILE	5.622	2.831	0.1356	0.202	0.203	0.260	0.0538	0.1465
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	12	12	12	12	12	12	12	12
MINIMUM	0.2357	0.2357	0.0906	0.0055	0.0063	0.0041	0.0005	0.0000
ARITH. MEAN	0.0000	0.0045	0.0189	0.0000	0.0016	0.0011	0.0000	0.0000
ARITH. STD. DEV.	0.0946	0.0499	0.0470	0.0033	0.0040	0.0021	0.0000	0.0003
GEOM. MEAN	0.0721	0.0608	0.0230	0.0014	0.0016	0.0008	0.0001	0.0002
GEOM. STD. DEV.	0.1305	0.0296	0.0416	0.0056	0.0037	0.0020	0.0290	0.0005
1ST QUANTILE	0.0080	0.0142	0.0270	0.0022	0.0025	0.0016	0.0000	0.0001
2ND QUANTILE	0.0883	0.0242	0.0431	0.0035	0.0037	0.0019	0.0000	0.0002
3RD QUANTILE	0.1303	0.0454	0.0598	0.0044	0.0053	0.0024	0.0000	0.0004
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
MAXIMUM	12	12	12	12	12	12
MINIMUM	0.0106	0.00030	0.0008	2.6887	5.50	0.55
ARITH. MEAN	0.0038	0.00000	0.0000	0.8586	1.07	0.11
ARITH. STD. DEV.	0.0067	0.00016	0.0004	1.2920	2.69	0.27
ARITH. STD. DEV.	0.0018	0.00011	0.0003	0.4853	1.15	0.12
GEOM. MEAN	0.0065	0.00170	0.0066	1.2233	2.47	0.24
GEOM. STD. DEV.	0.0049	0.00000	0.0000	0.8770	1.90	0.15
1ST QUANTILE	0.0067	0.00017	0.0004	1.1744	2.35	0.25
2ND QUANTILE	0.0069	0.00024	0.0006	1.3188	3.35	0.29
3RD QUANTILE	0.0069	0.00024	0.0006	1.3188	3.35	0.29
MISSING VALUES	0	0	0	0	0	0

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STATION: GOWGANDA LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	6.710	4.435	0.1784	0.245	0.204	0.365	0.0568	0.3076
MINIMUM	0.000	0.806	0.0541	0.032	0.000	0.061	0.0216	0.0679
ARITH. MEAN	3.770	2.030	0.1085	0.122	0.087	0.143	0.0316	0.1269
ARITH. STD. DEV.	1.984	0.927	0.0363	0.058	0.058	0.073	0.0106	0.0646
GEOM. MEAN	3.293	1.853	0.1023	0.107	0.133	0.130	0.0302	0.1144
1ST QUANTILE	2.387	1.482	0.0867	0.102	0.054	0.108	0.0243	0.0881
2ND QUANTILE	3.872	1.849	0.0966	0.120	0.077	0.124	0.0270	0.0960
3RD QUANTILE	5.195	2.274	0.1327	0.150	0.112	0.157	0.0338	0.1588
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.1297	0.0562	0.0533	0.0058	0.0038	0.0040	0.0005	0.0004
MINIMUM	0.0000	0.0041	0.0154	0.0000	0.0008	0.0011	0.0000	0.0000
ARITH. MEAN	0.0337	0.0187	0.0285	0.0038	0.0019	0.0025	0.0000	0.0002
ARITH. STD. DEV.	0.0355	0.0146	0.0112	0.0016	0.0008	0.0010	0.0001	0.0001
GEOM. MEAN	0.0718	0.0142	0.0265	0.0060	0.0018	0.0023	0.0004	0.0004
1ST QUANTILE	0.0117	0.0089	0.0213	0.0029	0.0013	0.0019	0.0000	0.0001
2ND QUANTILE	0.0204	0.0165	0.0254	0.0040	0.0017	0.0023	0.0000	0.0001
3RD QUANTILE	0.0455	0.0214	0.0319	0.0053	0.0023	0.0034	0.0000	0.0003
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0097	0.00036	0.0030	1.6443	3.97	0.38		
MINIMUM	0.0037	0.00012	0.0000	0.4505	0.42	0.09		
ARITH. MEAN	0.0055	0.00023	0.0008	1.0378	2.57	0.23		
ARITH. STD. DEV.	0.0018	0.00008	0.0008	0.3274	1.03	0.08		
GEOM. MEAN	0.0053	0.00021	0.0012	0.9815	2.27	0.22		
1ST QUANTILE	0.0043	0.00013	0.0004	0.7885	1.82	0.19		
2ND QUANTILE	0.0047	0.00025	0.0005	1.1112	2.93	0.22		
3RD QUANTILE	0.0064	0.00027	0.0011	1.1617	3.37	0.27		
MISSING VALUES	0	0	0	0	0	0		

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STATION: MOONBEAM LOVEL SITE NO.1

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	11	11	11	11	11	11	11	11
MINIMUM	2.770	1.942	0.0965	0.176	0.704	0.703	0.0966	0.3776
ARITH. MEAN	0.000	0.000	0.0000	0.012	0.000	0.116	0.0174	0.0430
ARITH. STD. DEV.	0.813	1.099	0.0454	0.080	0.249	0.243	0.0376	0.1510
GEOM. MEAN	1.109	0.559	0.0253	0.041	0.232	0.167	0.0225	0.0950
1ST QUARTILE	0.000	0.743	0.0611	0.067	0.221	0.205	0.0327	0.1256
2ND QUARTILE	0.869	0.900	0.0370	0.057	0.125	0.131	0.0209	0.0764
3RD QUARTILE	1.555	1.644	0.0410	0.100	0.139	0.199	0.0315	0.1107
MISSING VALUES	0	0	0.0481	0.100	0.556	0.271	0.0483	0.2296
			0	0	0	0	1	0
# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	11	11	11	11	11	11	11	11
MINIMUM	0.1064	0.1438	0.1658	0.0094	0.0047	0.0059	0.0000	0.0003
ARITH. MEAN	0.0000	0.0015	0.0000	0.0001	0.0004	0.0000	0.0000	0.0000
ARITH. STD. DEV.	0.0381	0.0360	0.0543	0.0029	0.0022	0.0016	0.0000	0.0001
GEOM. MEAN	0.0390	0.0439	0.0458	0.0025	0.0015	0.0016	0.0000	0.0001
1ST QUARTILE	0.0957	0.0172	0.0625	0.0019	0.0017	0.0046	1.0000	0.0197
2ND QUARTILE	0.0000	0.0079	0.0215	0.0011	0.0011	0.0003	0.0000	0.0000
3RD QUARTILE	0.0218	0.0152	0.0353	0.0026	0.0013	0.0013	0.0000	0.0000
MISSING VALUES	0.0927	0.0433	0.0927	0.0037	0.0036	0.0023	0.0000	0.0002
	0	0	0	0	0	0	0	0
# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
MAXIMUM	11	11	11	11	11	11		
MINIMUM	0.0117	0.00059	0.0023	1.3156	1.75	0.26		
ARITH. MEAN	0.0008	0.00000	0.0000	0.0616	0.03	0.01		
ARITH. STD. DEV.	0.0042	0.00014	0.0004	0.7107	0.89	0.13		
GEOM. MEAN	0.0034	0.05325	0.0160	0.3186	0.46	0.06		
1ST QUARTILE	0.0023	0.00000	0.0000	0.5888	0.66	0.10		
2ND QUARTILE	0.0035	0.00000	0.0002	0.5317	0.64	0.09		
3RD QUARTILE	0.0053	0.00024	0.0006	0.8112	0.89	0.12		
MISSING VALUES	0	0	0	0.9542	1.09	0.16		
				0	0	0		

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STATION: TURKEY LAKES LOVEL SITE NO.1

	SULFUR DIOX UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	2.808	0.1784	0.218	0.349	0.199	0.0533	0.1419
MINIMUM	0.000	0.0517	0.034	0.000	0.068	0.0053	0.0641
ARITH. MEAN	1.740	0.1002	0.129	0.112	0.111	0.0284	0.0942
ARITH. STD. DEV.	1.117	0.0340	0.054	0.090	0.032	0.0137	0.0223
GEOM. MEAN	1.457	0.0944	0.114	0.115	0.107	0.0245	0.0916
1ST QUARTILE	1.345	0.0744	0.084	0.057	0.094	0.0200	0.0744
2ND QUARTILE	2.068	0.1030	0.143	0.084	0.110	0.0237	0.0929
3RD QUARTILE	2.489	0.1170	0.174	0.158	0.127	0.0363	0.1111
MISSING VALUES	0	0	0	0	0	0	0
	IRON UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	0.0534	0.0490	0.0080	0.0027	0.0124	0.0006	0.0003
MINIMUM	0.0000	0.0073	0.0009	0.0005	0.0000	0.0000	0.0000
ARITH. MEAN	0.0178	0.0241	0.0025	0.0016	0.0020	0.0000	0.0001
ARITH. STD. DEV.	0.0168	0.0100	0.0018	0.0007	0.0031	0.0002	0.0001
GEOM. MEAN	0.0710	0.0091	0.0021	0.0014	0.0021	0.0007	0.0006
1ST QUARTILE	0.0000	0.0182	0.0013	0.0011	0.0007	0.0000	0.0001
2ND QUARTILE	0.0183	0.0236	0.0022	0.0013	0.0009	0.0000	0.0001
3RD QUARTILE	0.0206	0.0279	0.0026	0.0023	0.0012	0.0000	0.0002
MISSING VALUES	0	0	0	0	0	0	0
	ZINC UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13		
MAXIMUM	0.0103	0.0006	2.0511	2.85	0.34		
MINIMUM	0.0019	0.0000	0.5256	0.54	0.09		
ARITH. MEAN	0.0042	0.0002	1.0491	1.46	0.23		
ARITH. STD. DEV.	0.0025	0.0002	0.3890	0.61	0.08		
GEOM. MEAN	0.0036	0.0138	0.9807	1.34	0.21		
1ST QUARTILE	0.0025	0.0000	0.8472	1.04	0.16		
2ND QUARTILE	0.0036	0.0002	1.1021	1.45	0.24		
3RD QUARTILE	0.0047	0.0004	1.1957	1.91	0.29		
MISSING VALUES	0	0	0	0	0		

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 APFOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
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STATION: MCFARLANE LAKE LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	25.070	6.819	0.1662	0.359	0.240	1.857	0.0714	1.4044
MINIMUM	3.017	0.445	0.0468	0.069	0.015	0.102	0.0038	0.0780
ARITH. MEAN	11.828	2.723	0.1271	0.200	0.143	0.528	0.0413	0.3665
GEOM. MEAN	6.374	1.471	0.0337	0.082	0.066	0.619	0.0150	0.4295
ARITH. STD. DEV.	9.979	2.336	0.1212	0.182	0.115	0.289	0.0359	0.2075
GEOM. MEAN	5.041	1.959	0.1169	0.126	0.118	0.145	0.0356	0.0975
1ST QUARTILE	4.400	2.420	0.1395	0.188	0.155	0.157	0.0402	0.1112
2ND QUARTILE	11.400	3.281	0.1551	0.251	0.198	0.531	0.0478	0.3424
3RD QUARTILE	15.850	0	0	0	0	0	0	0
MISSING VALUES	1	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.2006	0.1298	0.0637	0.0164	0.0073	0.0396	0.0036	0.0004
MINIMUM	0.0264	0.0002	0.0000	0.0005	0.0005	0.0040	0.0000	0.0000
ARITH. MEAN	0.0982	0.0383	0.0422	0.0095	0.0095	0.0135	0.0006	0.0000
GEOM. MEAN	0.0514	0.0297	0.0162	0.0042	0.0016	0.0084	0.0010	0.0001
ARITH. STD. DEV.	0.0831	0.0232	0.0563	0.0074	0.0043	0.0116	0.00385	0.0005
GEOM. MEAN	0.0655	0.0219	0.0359	0.0083	0.0040	0.0083	0.0000	0.0002
1ST QUARTILE	0.0957	0.0349	0.0448	0.0099	0.0052	0.0119	0.0000	0.0003
2ND QUARTILE	0.1338	0.0424	0.0533	0.0124	0.0058	0.0140	0.0005	0.0004
3RD QUARTILE	0	0	0	0	0	0	0	0
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.00253	0.00216	0.0029	1.3305	13.19	0.50		
MINIMUM	0.0003	0.00000	0.0000	0.6649	2.75	0.12		
ARITH. MEAN	0.0109	0.00076	0.0017	1.0313	6.81	0.33		
GEOM. MEAN	0.0046	0.00057	0.0008	0.1915	3.12	0.10		
ARITH. STD. DEV.	0.0086	0.00126	0.0027	1.0115	6.07	0.31		
GEOM. MEAN	0.0101	0.00047	0.0011	0.9137	3.40	0.29		
1ST QUARTILE	0.0104	0.00062	0.0016	1.0945	6.46	0.33		
2ND QUARTILE	0.0122	0.00081	0.0020	1.1250	8.66	0.41		
3RD QUARTILE	0	0	0	0	1	0		
MISSING VALUES	0	0	0	0	0	0		

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STATION: HAMMER-2 LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	18.208	6.976	0.2055	0.389	0.242	0.571	0.1039	0.4150
MINIMUM	0.777	1.272	0.0901	0.073	0.000	0.084	0.0178	0.0727
ARITH. MEAN	10.939	2.755	0.1414	0.190	0.125	0.260	0.0471	0.1920
ARITH. STD. DEV.	4.610	1.475	0.0364	0.081	0.066	0.154	0.0226	0.1175
GEOM. MEAN	9.088	2.472	0.1366	0.174	0.146	0.219	0.0425	0.1618
1ST QUARTILE	7.639	1.904	0.1092	0.138	0.084	0.160	0.0336	0.1011
2ND QUARTILE	11.844	2.337	0.1504	0.163	0.117	0.224	0.0385	0.1478
3RD QUARTILE	13.874	2.692	0.1553	0.199	0.145	0.340	0.0660	0.1987
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.3297	0.4616	0.1011	0.0132	0.0077	0.0202	0.0039	0.0007
MINIMUM	0.0222	0.0070	0.0219	0.0000	0.0022	0.0043	0.0000	0.0001
ARITH. MEAN	0.1055	0.0818	0.0421	0.0079	0.0041	0.0104	0.0004	0.0003
ARITH. STD. DEV.	0.0852	0.1170	0.0224	0.0029	0.0016	0.0052	0.0011	0.0001
GEOM. MEAN	0.0796	0.0430	0.0376	0.0122	0.0038	0.0032	0.0003	0.0003
1ST QUARTILE	0.0518	0.0247	0.0269	0.0071	0.0033	0.0067	0.0000	0.0002
2ND QUARTILE	0.0718	0.0263	0.0338	0.0080	0.0036	0.0096	0.0000	0.0003
3RD QUARTILE	0.1400	0.1046	0.0489	0.0093	0.0051	0.0115	0.0000	0.0003
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0137	0.00135	0.0049	1.9737	11.43	0.59		
MINIMUM	0.0048	0.00000	0.0007	0.7429	1.00	0.17		
ARITH. MEAN	0.0084	0.00071	0.0018	1.2909	6.39	0.33		
ARITH. STD. DEV.	0.0026	0.00035	0.0011	0.3680	2.52	0.11		
GEOM. MEAN	0.0081	0.00123	0.0016	1.2368	5.65	0.32		
1ST QUARTILE	0.0066	0.00057	0.0010	1.0075	4.94	0.26		
2ND QUARTILE	0.0072	0.00065	0.0015	1.2964	6.53	0.31		
3RD QUARTILE	0.0106	0.00086	0.0021	1.4761	7.82	0.35		
MISSING VALUES	0	0	0	0	0	0		

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STATION: CARSON LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	8	8	8	8	8	8	8	8
MAXIMUM	16.676	4.283	0.1993	0.296	14.430	0.865	0.0790	0.5486
MINIMUM	0.768	1.583	0.0710	0.116	0.000	0.153	0.0137	0.0876
ARITH. MEAN	9.849	2.410	0.1295	0.207	2.702	0.359	0.0418	0.2258
GEOM. MEAN	6.148	0.890	0.0401	0.061	4.928	0.242	0.0183	0.1541
1ST QUANTILE	3.085	2.271	0.1232	0.197	0.719	0.296	0.0375	0.1835
2ND QUANTILE	12.833	1.595	0.0906	0.135	0.137	0.170	0.0316	0.0985
3RD QUANTILE	16.573	2.101	0.1277	0.235	0.181	0.257	0.0389	0.1770
MISSING VALUES	1	2.942	0.1573	0.249	3.551	0.538	0.0463	0.3327
	1	1	1	1	1	1	1	1
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	8	8	8	8	8	8	8	8
MAXIMUM	13.4532	3.7000	2.4790	0.3293	0.2220	0.4455	0.0244	0.0130
MINIMUM	0.1061	0.0418	0.0354	0.0044	0.0045	0.0132	0.0003	0.0000
ARITH. MEAN	2.6592	0.7533	0.5321	0.0992	0.0575	0.1416	0.0051	0.0027
GEOM. MEAN	4.5883	1.2413	0.8399	0.1348	0.0815	0.1872	0.0083	0.0044
1ST QUANTILE	0.5637	0.2168	0.1598	0.0314	0.0182	0.0504	0.0015	0.0029
2ND QUANTILE	0.1295	0.0487	0.0447	0.0125	0.0062	0.0155	0.0005	0.0002
3RD QUANTILE	0.4053	0.1621	0.1203	0.0177	0.0097	0.0271	0.0009	0.0005
MISSING VALUES	1	0.9796	0.8571	0.2939	0.1417	0.4288	0.0081	0.0044
	1	1	1	1	1	1	1	1
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	8	8	8	8	8	8		
MAXIMUM	0.5180	0.02571	0.0851	2.5808	9.32	0.45		
MINIMUM	0.0085	0.00016	0.0015	0.6593	1.00	0.19		
ARITH. MEAN	0.1270	0.00772	0.0235	1.2724	5.73	0.34		
GEOM. MEAN	0.0375	0.00287	0.0058	1.1471	3.08	0.08		
1ST QUANTILE	0.0141	0.00125	0.0015	0.7328	4.51	0.32		
2ND QUANTILE	0.0159	0.00270	0.0020	1.1342	2.07	0.25		
3RD QUANTILE	0.2939	0.01924	0.0673	1.6617	7.12	0.37		
MISSING VALUES	1	1	1	1	8.81	0.38		
	1	1	1	1	1	1		

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STATION: DORION LOVOL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	1.606	2.496	0.0922	0.115	1.188	0.277	0.0481	0.6436
MINIMUM	0.000	0.490	0.0209	0.027	0.000	0.095	0.0062	0.0874
ARITH. MEAN	0.591	1.089	0.0542	0.068	0.163	0.170	0.0196	0.1866
ARITH. STD. DEV.	0.463	0.586	0.0193	0.029	0.303	0.049	0.0099	0.1440
GEOM. MEAN	0.744	0.955	0.0306	0.061	0.143	0.163	0.0176	0.1571
1ST QUANTILE	0.295	0.606	0.0427	0.038	0.049	0.138	0.0158	0.1134
2ND QUANTILE	0.936	0.936	0.0554	0.067	0.071	0.153	0.0168	0.1283
3RD QUANTILE	0.868	1.400	0.0669	0.098	0.114	0.189	0.0220	0.1716
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.0867	0.1402	0.1828	0.0042	0.0049	0.0013	0.0005	0.0004
MINIMUM	0.0000	0.0008	0.0121	0.0000	0.0007	0.0000	0.0000	0.0000
ARITH. MEAN	0.0218	0.0238	0.0482	0.0017	0.0019	0.0005	0.0000	0.0001
ARITH. STD. DEV.	0.0285	0.0358	0.0500	0.0011	0.0015	0.0005	0.0001	0.0005
GEOM. MEAN	0.0667	0.0117	0.0328	0.0025	0.0015	0.0065	0.5528	0.0055
1ST QUANTILE	0.0000	0.0070	0.0201	0.0012	0.0008	0.0000	0.0000	0.0000
2ND QUANTILE	0.0089	0.0103	0.0262	0.0019	0.0014	0.0006	0.0000	0.0002
3RD QUANTILE	0.0191	0.0168	0.0325	0.0022	0.0019	0.0010	0.0000	0.0002
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0079	0.00014	0.0006	0.6674	1.27	0.18		
MINIMUM	0.0000	0.00000	0.0000	0.2464	0.29	0.06		
ARITH. MEAN	0.0034	0.00006	0.0002	0.4146	0.68	0.12		
ARITH. STD. DEV.	0.0018	0.000006	0.0002	0.1256	0.31	0.04		
GEOM. MEAN	0.0028	0.01577	0.0491	0.3964	0.61	0.11		
1ST QUANTILE	0.0022	0.00000	0.0000	0.3201	0.37	0.09		
2ND QUANTILE	0.0034	0.00000	0.0000	0.4040	0.67	0.12		
3RD QUANTILE	0.0038	0.00013	0.0004	0.4575	0.88	0.17		
MISSING VALUES	0	0	0	0	0	0		

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
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STATION: PICKLE LAKE LOVEL SITE NO.1.

# OF SAMPLES	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
MAXIMUM	3.061	2.084	0.2258	0.232	0.544	1.216	0.0298	0.6948
MINIMUM	1.312	0.811	0.0601	0.074	0.059	0.177	0.0000	0.1949
ARITH. MEAN	2.429	1.570	0.1220	0.134	0.229	0.545	0.0134	0.3672
ARITH. STD. DEV.	0.792	0.548	0.0739	0.070	0.223	0.475	0.0123	0.2318
GEOM. MEAN	2.271	1.453	0.1028	0.118	0.138	0.374	0.0680	0.3061
1ST QUANTILE	1.312	0.811	0.0601	0.074	0.059	0.177	0.0000	0.1949
2ND QUANTILE	2.914	1.815	0.0801	0.097	0.082	0.242	0.0105	0.2118
3RD QUANTILE	3.061	2.084	0.2258	0.232	0.544	1.216	0.0298	0.6948
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
MAXIMUM	0.0424	0.0243	0.1158	0.0058	0.0035	0.0002	0.0000	0.0003
MINIMUM	0.0000	0.0051	0.0232	0.0023	0.0008	0.0000	0.0000	0.0000
ARITH. MEAN	0.0141	0.0131	0.0585	0.0047	0.0019	0.0001	0.0000	0.0001
ARITH. STD. DEV.	0.0200	0.0082	0.0409	0.0016	0.0011	0.0001	0.0000	0.0002
GEOM. MEAN	0.3486	0.0107	0.0462	0.0043	0.0016	0.0613	1.0000	0.0698
1ST QUANTILE	0.0000	0.0051	0.0232	0.0023	0.0008	0.0000	0.0000	0.0000
2ND QUANTILE	0.0000	0.0098	0.0366	0.0058	0.0014	0.0000	0.0000	0.0000
3RD QUANTILE	0.0424	0.0243	0.1158	0.0058	0.0035	0.0002	0.0000	0.0003
MISSING VALUES	0	0	0	0	0	0	0	0

# OF SAMPLES	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
MAXIMUM	0.0091	0.00000	0.0015	1.3606	2.06	0.46
MINIMUM	0.0000	0.00000	0.0000	0.5232	1.35	0.15
ARITH. MEAN	0.0030	0.00000	0.0005	0.9627	1.74	0.26
ARITH. STD. DEV.	0.0043	0.00000	0.0000	0.3431	0.29	0.14
GEOM. MEAN	0.2084	1.00000	0.1142	0.8941	1.71	0.22
1ST QUANTILE	0.0000	0.00000	0.0000	0.5232	1.35	0.15
2ND QUANTILE	0.0000	0.00000	0.0000	1.0042	1.80	0.16
3RD QUANTILE	0.0091	0.00000	0.0015	1.3606	2.06	0.46
MISSING VALUES	0	0	0	0	0	0

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
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STATION: QUETICO CENTRE LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	2	2	2	2	2	2	2	2
MAXIMUM	2.661	0.975	0.1305	0.142	0.082	0.193	0.0170	0.1616
MINIMUM	1.229	0.845	0.0641	0.142	0.066	0.142	0.0142	0.1150
ARITH. MEAN	1.945	0.910	0.0973	0.142	0.074	0.167	0.0156	0.1393
ARITH. STD. DEV.	0.716	0.065	0.0332	0.000	0.008	0.025	0.0014	0.0233
GEOM. MEAN	1.808	0.908	0.0914	0.142	0.073	0.166	0.0155	0.1363
1ST QUANTILE	1.229	0.845	0.0641	0.142	0.066	0.142	0.0142	0.1150
2ND QUANTILE	1.945	0.910	0.0973	0.142	0.074	0.167	0.0156	0.1383
3RD QUANTILE	2.661	0.975	0.1305	0.142	0.082	0.193	0.0170	0.1616
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	2	2	2	2	2	2	2	2
MAXIMUM	0.0170	0.0107	0.0261	0.0023	0.0014	0.0000	0.0006	0.0001
MINIMUM	0.0142	0.0096	0.0168	0.0021	0.0009	0.0000	0.0004	0.0001
ARITH. MEAN	0.0156	0.0101	0.0214	0.0022	0.0011	0.0000	0.0005	0.0001
ARITH. STD. DEV.	0.0014	0.0005	0.0047	0.0001	0.0002	0.0000	0.0001	0.0000
GEOM. MEAN	0.0155	0.0101	0.0209	0.0022	0.0011	1.0000	0.0005	0.0001
1ST QUANTILE	0.0142	0.0096	0.0168	0.0021	0.0009	0.0000	0.0004	0.0001
2ND QUANTILE	0.0156	0.0101	0.0214	0.0022	0.0011	0.0000	0.0005	0.0001
3RD QUANTILE	0.0170	0.0107	0.0261	0.0023	0.0014	0.0000	0.0006	0.0001
MISSING VALUES	0	0	0	0	0	0	0	0

	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
# OF SAMPLES	2	2	2	2	2	2
MAXIMUM	0.0031	0.00011	0.0007	1.4545	1.66	0.27
MINIMUM	0.0022	0.00000	0.0005	0.5093	0.90	0.21
ARITH. MEAN	0.0026	0.00006	0.0005	0.9819	1.28	0.24
ARITH. STD. DEV.	0.0004	0.00006	0.0001	0.4726	0.38	0.03
GEOM. MEAN	0.0026	0.01049	0.0005	0.8607	1.22	0.24
1ST QUANTILE	0.0022	0.00000	0.0005	0.5093	0.90	0.21
2ND QUANTILE	0.0026	0.00006	0.0005	0.9819	1.28	0.24
3RD QUANTILE	0.0031	0.00011	0.0007	1.4545	1.66	0.27
MISSING VALUES	0	0	0	0	0	0

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STATION: E.L.A. LOVOL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	2.270	1.599	0.0689	0.160	0.305	0.273	0.0584	0.2018
MINIMUM	0.000	0.000	0.0172	0.043	0.000	0.097	0.0000	0.0715
ARITH. MEAN	0.490	0.680	0.0417	0.090	0.094	0.150	0.0142	0.1120
ARITH. STD. DEV.	0.576	0.415	0.0144	0.039	0.084	0.052	0.0142	0.0426
GEOM. MEAN	0.688	0.654	0.0391	0.082	0.130	0.142	0.0166	0.1050
1ST QUANTILE	0.000	0.377	0.0338	0.063	0.017	0.117	0.0074	0.0792
2ND QUANTILE	0.415	0.686	0.0374	0.073	0.075	0.123	0.0089	0.0951
3RD QUANTILE	0.582	0.902	0.0578	0.102	0.126	0.196	0.0157	0.1548
MISSING VALUES	0	0	0	0	1	0	0	0

	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.0460	0.0468	0.0736	0.0028	0.0043	0.0051	0.0004	0.0001
MINIMUM	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARITH. MEAN	0.0169	0.0142	0.0254	0.0012	0.0016	0.0008	0.0000	0.0000
ARITH. STD. DEV.	0.0157	0.0135	0.0187	0.0007	0.0012	0.0013	0.0001	0.0001
GEOM. MEAN	0.0771	0.0082	0.0313	0.0019	0.0024	0.0078	0.5242	0.0485
1ST QUANTILE	0.0000	0.0048	0.0128	0.0006	0.0006	0.0000	0.0000	0.0000
2ND QUANTILE	0.0156	0.0112	0.0243	0.0012	0.0015	0.0004	0.0000	0.0000
3RD QUANTILE	0.0270	0.0152	0.0312	0.0015	0.0020	0.0007	0.0000	0.0001
MISSING VALUES	1	1	1	1	1	1	1	1

	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
# OF SAMPLES	13	13	13	13	13	13
MAXIMUM	0.0260	0.00013	0.0003	0.8163	1.52	0.23
MINIMUM	0.0000	0.00000	0.0000	0.1030	0.05	0.07
ARITH. MEAN	0.0043	0.00003	0.0001	0.2846	0.49	0.13
ARITH. STD. DEV.	0.0068	0.00005	0.0001	0.1803	0.35	0.05
GEOM. MEAN	0.0042	0.10460	0.1212	0.2444	0.38	0.12
1ST QUANTILE	0.0010	0.00000	0.0000	0.1645	0.37	0.10
2ND QUANTILE	0.0025	0.00000	0.0000	0.2362	0.43	0.11
3RD QUANTILE	0.0031	0.00000	0.0000	0.3171	0.55	0.16
MISSING VALUES	1	1	1	0	0	0

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APRIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

STATION: GERALDTON LOVEL SITE NO.1

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	13.291	7.789	0.5690	0.813	0.5690	1.558	0.1699	1.3140
MINIMUM	0.000	0.478	0.0000	0.032	0.000	0.118	0.0121	0.0771
ARITH. MEAN	1.812	1.825	0.9314	0.149	0.388	0.317	0.0425	0.2543
ARITH. STD. DEV.	3.422	1.811	0.1408	0.197	0.343	0.371	0.0440	0.3189
GEOM. MEAN	0.870	1.360	0.0769	0.098	0.357	0.228	0.0300	0.1730
1ST QUANTILE	0.257	0.835	0.0386	0.051	0.166	0.138	0.0176	0.0908
2ND QUANTILE	0.610	1.703	0.0440	0.099	0.350	0.184	0.0267	0.1511
3RD QUANTILE	1.754	1.901	0.0752	0.127	0.454	0.314	0.0399	0.2231
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.1399	0.1908	0.2671	0.0190	0.0054	0.0011	0.0016	0.0014
MINIMUM	0.0000	0.0023	0.0202	0.0008	0.0008	0.0000	0.0000	0.0000
ARITH. MEAN	0.0331	0.0315	0.0911	0.0036	0.0028	0.0004	0.0002	0.0002
ARITH. STD. DEV.	0.0385	0.0488	0.0729	0.0047	0.0015	0.0004	0.0005	0.0004
GEOM. MEAN	0.1026	0.0150	0.0690	0.0023	0.0022	0.0110	0.0000	0.0066
1ST QUANTILE	0.0000	0.0081	0.0383	0.0015	0.0013	0.0000	0.0000	0.0000
2ND QUANTILE	0.0211	0.0130	0.0727	0.0019	0.0024	0.0024	0.0000	0.0001
3RD QUANTILE	0.0421	0.0236	0.0921	0.0032	0.0035	0.0008	0.0000	0.0004
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	13	13	13	13	13	13		
MAXIMUM	0.0163	0.00023	0.0041	7.3490	9.24	1.38		
MINIMUM	0.0000	0.00000	0.0000	0.0000	0.19	0.04		
ARITH. MEAN	0.0054	0.00008	0.0005	1.0404	1.53	0.24		
ARITH. STD. DEV.	0.0049	0.00008	0.0011	1.8450	2.28	0.34		
GEOM. MEAN	0.0066	0.00853	0.0326	0.6318	0.88	0.15		
1ST QUANTILE	0.0024	0.00000	0.0000	0.3979	0.58	0.09		
2ND QUANTILE	0.0035	0.00012	0.0000	0.5001	0.87	0.14		
3RD QUANTILE	0.0068	0.00013	0.0003	0.7489	1.35	0.20		
MISSING VALUES	0	0	0	0	0	0		

PART IV

SUMMARY STATISTICS OF OBSERVED CONCENTRATION BY REGION

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

REGION: CE

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	55	55	55	55	55	55	55	55
MAXIMUM	22.489	6.882	0.3798	1.705	1.134	1.807	17.0053	0.9124
MINIMUM	0.000	0.755	0.0399	0.017	0.000	0.000	0.0104	0.0544
ARITH. MEAN	4.624	2.744	0.1386	0.437	0.392	0.332	0.3636	0.2192
ARITH. STD. DEV.	4.337	1.434	0.0754	0.381	0.320	0.344	2.2658	0.1845
GEOM. MEAN	3.160	2.392	0.1223	0.289	0.278	0.250	0.0445	0.1701
1ST QUANTILE	1.718	1.612	0.0879	0.165	0.129	0.135	0.0267	0.0993
2ND QUANTILE	3.649	2.260	0.1141	0.284	0.161	0.196	0.0352	0.1494
3RD QUANTILE	6.752	3.663	0.1671	0.638	0.655	0.373	0.0614	0.2605
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	55	55	55	55	55	55	55	55
MAXIMUM	2.4124	0.7773	0.3267	0.0867	0.0259	0.0403	0.0036	0.0039
MINIMUM	0.0000	0.0014	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000
ARITH. MEAN	0.1137	0.0613	0.0771	0.0077	0.0056	0.0038	0.0004	0.0006
ARITH. STD. DEV.	0.3219	0.1143	0.0597	0.0119	0.0045	0.0062	0.0009	0.0007
GEOM. MEAN	0.0849	0.0299	0.0642	0.0055	0.0042	0.0032	0.0006	0.0002
1ST QUANTILE	0.0159	0.0166	0.0344	0.0026	0.0027	0.0011	0.0000	0.0002
2ND QUANTILE	0.0562	0.0290	0.0582	0.0044	0.0042	0.0019	0.0000	0.0004
3RD QUANTILE	0.0931	0.0566	0.1024	0.0091	0.0077	0.0040	0.0005	0.0008
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	55	55	55	55	55	55		
MAXIMUM	0.0561	0.00162	0.0020	2.4228	12.53	1.97		
MINIMUM	0.0008	0.00000	0.0000	0.3035	0.46	0.09		
ARITH. MEAN	0.0136	0.00025	0.0007	0.8693	3.23	0.58		
ARITH. STD. DEV.	0.0133	0.00030	0.0004	0.3790	2.38	0.43		
GEOM. MEAN	0.0087	0.00126	0.0008	0.8044	2.52	0.44		
1ST QUANTILE	0.0043	0.00010	0.0003	0.6829	1.60	0.27		
2ND QUANTILE	0.0073	0.00021	0.0006	0.7656	2.44	0.39		
3RD QUANTILE	0.0219	0.00037	0.0010	0.9507	4.24	0.91		
MISSING VALUES	0	0	0	0	0	0		

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY
 APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
 1991 SUMMARY STATISTICS OF CONCENTRATION

REGION: NE

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	100	100	100	100	100	100	100	100
MAXIMUM	25.070	6.976	0.2859	0.450	14.430	1.857	0.1039	1.4044
MINIMUM	0.000	0.000	0.0000	0.012	0.000	0.061	0.0038	0.0430
ARITH. MEAN	5.900	2.199	0.1142	0.163	0.330	0.251	0.0387	0.1792
ARITH. STD. DEV.	5.479	1.198	0.0496	0.090	1.471	0.288	0.0176	0.1355
GEOM. MEAN	3.773	1.947	0.1058	0.137	0.160	0.186	0.0347	0.1371
1ST QUANTILE	1.785	1.527	0.0826	0.094	0.069	0.118	0.0273	0.0880
2ND QUANTILE	3.872	1.957	0.1137	0.152	0.125	0.153	0.0357	0.1128
3RD QUANTILE	8.270	2.575	0.1518	0.218	0.193	0.255	0.0463	0.1896
MISSING VALUES	3	1	1	1	1	1	2	1
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	100	100	100	100	100	100	100	100
MAXIMUM	13.4532	3.7000	2.4790	0.3293	0.2220	0.4455	0.0244	0.0130
MINIMUM	0.0000	0.0002	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000
ARITH. MEAN	0.4221	0.0867	0.0740	0.0118	0.0068	0.0146	0.0005	0.0004
ARITH. STD. DEV.	1.3917	0.3820	0.2580	0.0433	0.0259	0.0611	0.0026	0.0013
GEOM. MEAN	0.1028	0.0218	0.0407	0.0056	0.0028	0.0044	0.0000	0.0007
1ST QUANTILE	0.0143	0.0093	0.0224	0.0026	0.0015	0.0015	0.0000	0.0001
2ND QUANTILE	0.0432	0.0204	0.0321	0.0044	0.0025	0.0026	0.0000	0.0002
3RD QUANTILE	0.0977	0.0443	0.0481	0.0088	0.0047	0.0083	0.0000	0.0004
MISSING VALUES	1	1	1	1	1	1	1	1
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	100	100	100	100	100	100		
MAXIMUM	0.5180	0.02571	0.0851	2.6887	13.19	0.74		
MINIMUM	0.0003	0.00000	0.0000	0.0616	0.03	0.01		
ARITH. MEAN	0.0585	0.00085	0.0025	1.0835	3.69	0.28		
ARITH. STD. DEV.	0.0585	0.00319	0.0107	0.4116	2.88	0.13		
GEOM. MEAN	0.0064	0.00202	0.0034	0.9992	2.60	0.24		
1ST QUANTILE	0.0044	0.00012	0.0003	0.8412	1.45	0.18		
2ND QUANTILE	0.0062	0.00024	0.0006	1.0945	2.87	0.27		
3RD QUANTILE	0.0093	0.00058	0.0015	1.2444	5.13	0.37		
MISSING VALUES	1	1	1	1	3	1		

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REGION: NW

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	44	44	44	44	44	44	44	44
MAXIMUM	13.291	7.789	0.5690	0.813	1.399	1.558	0.1699	1.3140
MINIMUM	0.000	0.000	0.0000	0.027	0.000	0.095	0.0000	0.0715
ARITH. MEAN	1.109	1.210	0.0681	0.106	0.212	0.233	0.0242	0.1947
ARITH. STD. DEV.	2.044	1.164	0.0843	0.117	0.289	0.264	0.0286	0.2137
GEOM. MEAN	0.855	0.973	0.0572	0.083	0.178	0.183	0.0221	0.1492
1ST QUARTILE	0.257	0.587	0.0374	0.053	0.056	0.126	0.0105	0.0908
2ND QUARTILE	0.587	0.901	0.0512	0.079	0.098	0.170	0.0168	0.1313
3RD QUARTILE	1.134	1.673	0.0675	0.115	0.257	0.208	0.0242	0.1860
MISSING VALUES	0	0	0	0	1	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	44	44	44	44	44	44	44	44
MAXIMUM	0.1399	0.1908	0.2671	0.0190	0.0054	0.0051	0.0016	0.0014
MINIMUM	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARITH. MEAN	0.0230	0.0221	0.0543	0.0024	0.0020	0.0005	0.0001	0.0001
ARITH. STD. DEV.	0.0349	0.0349	0.0573	0.0030	0.0014	0.0008	0.0003	0.0002
GEOM. MEAN	0.0830	0.0113	0.0407	0.0023	0.0019	0.0118	0.0000	0.0107
1ST QUARTILE	0.0000	0.0065	0.0201	0.0012	0.0008	0.0000	0.0000	0.0000
2ND QUARTILE	0.0165	0.0106	0.0292	0.0018	0.0014	0.0003	0.0000	0.0001
3RD QUARTILE	0.0312	0.0207	0.0736	0.0025	0.0027	0.0008	0.0000	0.0002
MISSING VALUES	1	1	1	1	1	1	1	1
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	44	44	44	44	44	44		
MAXIMUM	0.0260	0.00023	0.0041	7.3490	9.24	1.38		
MINIMUM	0.0000	0.00000	0.0000	0.0000	0.05	0.04		
ARITH. MEAN	0.0042	0.00005	0.0003	0.6242	0.98	0.17		
ARITH. STD. DEV.	0.0048	0.00007	0.0007	1.0724	1.36	0.20		
GEOM. MEAN	0.0055	0.02910	0.0480	0.4318	0.65	0.14		
1ST QUARTILE	0.0016	0.00000	0.0000	0.2450	0.37	0.09		
2ND QUARTILE	0.0029	0.00000	0.0000	0.4095	0.68	0.14		
3RD QUARTILE	0.0043	0.00013	0.0003	0.5258	1.04	0.18		
MISSING VALUES	1	1	1	0	0	0		

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APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
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REGION: SE

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	25	25	25	25	25	25	25	25
MAXIMUM	9.105	6.305	0.3127	0.791	0.813	1.446	0.1182	1.0466
MINIMUM	0.732	1.342	0.0475	0.114	0.000	0.130	0.0260	0.0744
ARITH. MEAN	3.951	3.552	0.1923	0.444	0.364	0.321	0.0644	0.1937
ARITH. STD. DEV.	2.079	1.471	0.0807	0.197	0.169	0.257	0.0285	0.1925
GEOM. MEAN	3.447	3.260	0.1720	0.393	0.369	0.278	0.0585	0.1589
1ST QUANTILE	2.587	2.445	0.1218	0.241	0.271	0.215	0.0419	0.1113
2ND QUANTILE	3.193	3.303	0.1989	0.444	0.343	0.256	0.0574	0.1508
3RD QUANTILE	4.412	4.668	0.2842	0.595	0.437	0.327	0.0812	0.1997
MISSING VALUES	3	3	3	3	3	3	3	3
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	25	25	25	25	25	25	25	25
MAXIMUM	0.1182	0.0948	0.2844	0.0170	0.0103	0.0104	0.0023	0.0020
MINIMUM	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARITH. MEAN	0.0544	0.0310	0.0762	0.0058	0.0044	0.0020	0.0002	0.0009
ARITH. STD. DEV.	0.0331	0.0213	0.0609	0.0036	0.0021	0.0021	0.0006	0.0005
GEOM. MEAN	0.0684	0.0245	0.0758	0.0036	0.0055	0.0030	0.4053	0.0012
1ST QUANTILE	0.0338	0.0197	0.0441	0.0036	0.0033	0.0008	0.0000	0.0006
2ND QUANTILE	0.0420	0.0242	0.0593	0.0058	0.0040	0.0015	0.0000	0.0008
3RD QUANTILE	0.0886	0.0341	0.0773	0.0069	0.0050	0.0027	0.0000	0.0012
MISSING VALUES	3	3	3	3	3	3	3	3
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	25	25	25	25	25	25		
MAXIMUM	0.0178	0.00036	0.0011	2.5800	5.40	1.05		
MINIMUM	0.0000	0.00000	0.0000	0.6204	1.01	0.16		
ARITH. MEAN	0.0093	0.00016	0.0005	1.3221	3.16	0.64		
ARITH. STD. DEV.	0.0038	0.00010	0.0003	0.5237	1.14	0.26		
GEOM. MEAN	0.0113	0.00057	0.0010	1.2231	2.94	0.57		
1ST QUANTILE	0.0073	0.00012	0.0003	0.8947	2.40	0.43		
2ND QUANTILE	0.0097	0.00014	0.0005	1.2410	3.13	0.62		
3RD QUANTILE	0.0106	0.00026	0.0006	1.5523	3.82	0.87		
MISSING VALUES	3	3	3	3	3	3		

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REGION: SW

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	56	56	56	56	56	56	56	56
MAXIMUM	19.841	13.891	0.5713	1.608	1.050	1.008	21.6311	1.6504
MINIMUM	0.000	0.139	0.0000	0.000	0.000	0.018	0.0187	0.0773
ARITH. MEAN	7.274	3.678	0.2111	0.723	0.470	0.399	0.6047	0.2128
ARITH. STD. DEV.	4.487	2.320	0.1028	0.306	0.249	0.207	3.0976	0.2304
GEOM. MEAN	5.790	2.794	0.1998	0.668	0.411	0.348	0.0578	0.1676
1ST QUARTILE	4.109	2.358	0.1494	0.498	0.301	0.265	0.0369	0.1091
2ND QUARTILE	6.914	3.397	0.1918	0.747	0.451	0.328	0.0497	0.1352
3RD QUARTILE	8.883	4.627	0.2568	0.907	0.571	0.464	0.0630	0.2373
MISSING VALUES	0	0	0	0	0	0	0	0
	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	56	56	56	56	56	56	56	56
MAXIMUM	0.2261	0.1945	0.2175	0.0212	0.0120	0.0199	0.0008	0.0022
MINIMUM	0.0000	0.0023	0.0096	0.0002	0.0003	0.0000	0.0000	0.0000
ARITH. MEAN	0.0603	0.0417	0.0961	0.0079	0.0049	0.0024	0.0001	0.0009
ARITH. STD. DEV.	0.0518	0.0376	0.0427	0.0035	0.0025	0.0031	0.0002	0.0005
GEOM. MEAN	0.0688	0.0297	0.0845	0.0068	0.0042	0.0027	0.2545	0.0011
1ST QUARTILE	0.0191	0.0133	0.0687	0.0054	0.0034	0.0013	0.0000	0.0006
2ND QUARTILE	0.0512	0.0304	0.0925	0.0079	0.0045	0.0019	0.0000	0.0009
3RD QUARTILE	0.0799	0.0525	0.1145	0.0096	0.0063	0.0024	0.0000	0.0012
MISSING VALUES	0	0	0	0	0	0	0	0
	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3		
# OF SAMPLES	56	56	56	56	56	56		
MAXIMUM	0.0287	0.00122	0.0012	4.5366	11.25	2.18		
MINIMUM	0.0006	0.00000	0.0000	0.1424	0.41	0.01		
ARITH. MEAN	0.0146	0.00031	0.0005	1.1709	4.87	0.93		
ARITH. STD. DEV.	0.0066	0.00023	0.0002	0.7374	2.33	0.38		
GEOM. MEAN	0.0125	0.00059	0.0010	1.0300	4.21	0.80		
1ST QUARTILE	0.0096	0.00015	0.0004	0.8189	3.31	0.67		
2ND QUARTILE	0.0096	0.00026	0.0004	1.0412	4.76	0.90		
3RD QUARTILE	0.0194	0.00039	0.0007	1.2857	5.89	1.14		
MISSING VALUES	0	0	0	0	0	0		

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REGION: 2

	SULFUR DIOX UG/M3	SULFATE UG/M3	NITRIC UG/M3	NITRATE UG/M3	CALCIUM UG/M3	CHLORIDE UG/M3	POTASSIUM UG/M3	SODIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	3.691	2.675	0.1616	0.334	0.352	0.258	0.0431	0.3767
MINIMUM	0.000	0.755	0.0399	0.018	0.000	0.108	0.0126	0.0760
ARITH. MEAN	1.316	1.499	0.0840	0.164	0.152	0.159	0.0274	0.1660
ARITH. STD. DEV.	0.951	0.569	0.0297	0.094	0.081	0.042	0.0087	0.0838
GEOM. MEAN	1.161	1.391	0.0791	0.128	0.175	0.154	0.0259	0.1485
1ST QUANTILE	0.628	1.110	0.0679	0.070	0.116	0.127	0.0231	0.0891
2ND QUANTILE	1.107	1.596	0.0834	0.190	0.140	0.144	0.0267	0.1505
3RD QUANTILE	1.838	1.889	0.0993	0.238	0.203	0.190	0.0337	0.1868
MISSING VALUES	0	0	0	0	0	0	0	0

	IRON UG/M3	ALUMINIUM UG/M3	MAGNESIUM UG/M3	LEAD UG/M3	MANGANESE UG/M3	COPPER UG/M3	NICKEL UG/M3	VANADIUM UG/M3
# OF SAMPLES	13	13	13	13	13	13	13	13
MAXIMUM	0.3761	0.3366	0.2062	0.0047	0.0133	0.0038	0.0036	0.0006
MINIMUM	0.0000	0.0079	0.0237	0.0000	0.0012	0.0000	0.0000	0.0000
ARITH. MEAN	0.1023	0.0793	0.0734	0.0022	0.0045	0.0015	0.0004	0.0003
ARITH. STD. DEV.	0.1126	0.0965	0.0514	0.0011	0.0033	0.0012	0.0010	0.0002
GEOM. MEAN	0.0861	0.0439	0.0609	0.0036	0.0036	0.0072	0.0005	0.0005
1ST QUANTILE	0.0242	0.0191	0.0478	0.0017	0.0022	0.0005	0.0000	0.0002
2ND QUANTILE	0.0703	0.0417	0.0582	0.0023	0.0040	0.0014	0.0000	0.0002
3RD QUANTILE	0.1124	0.0742	0.0711	0.0026	0.0047	0.0021	0.0000	0.0003
MISSING VALUES	0	0	0	0	0	0	0	0

	ZINC UG/M3	CADMIUM UG/M3	ARSENIC UG/M3	SULFATE NYL UG/M3	TOTAL SULFUR UG/M3	TOTAL NITRATE UG/M3
# OF SAMPLES	13	13	13	13	13	13
MAXIMUM	0.0167	0.00037	0.0015	0.7399	2.52	0.50
MINIMUM	0.0019	0.00000	0.0002	0.3035	0.46	0.09
ARITH. MEAN	0.0062	0.00010	0.0008	0.5447	1.17	0.25
ARITH. STD. DEV.	0.0047	0.00011	0.0003	0.1290	0.55	0.12
GEOM. MEAN	0.0049	0.00444	0.0007	0.5281	1.05	0.22
1ST QUANTILE	0.0030	0.00000	0.0005	0.4772	0.70	0.13
2ND QUANTILE	0.0039	0.00012	0.0006	0.5426	1.23	0.27
3RD QUANTILE	0.0070	0.00012	0.0010	0.6482	1.46	0.33
MISSING VALUES	0	0	0	0	0	0

